ENES TALHA ERDEM
Data Science Specialist

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Summary

Computer Science student at Ovidius University of Constanța and a selected participant of the Google AI Academy. I specialize in Data Science and Machine Learning, with a strong technical stack in Python, SQL, and T-SQL. Beyond analysis, I have advanced skills in enterprise data integration using Talend Studio and Qlik (Replicate & Compose) for real-time CDC and Data Warehouse automation. I am driven to leverage AI and data engineering to create meaningful value in international projects.

Professional Experience

Google Artificial Intelligence and Technology Academy   **December 2025 – Present**
Data Science Trainee

- Data Lifecycle Management: Managed end-to-end processes from cleaning raw data using SQL and Python to the analysis and reporting phases.
- Advanced Analytics: Applied statistical analysis, regression, and machine learning models to drive data-driven predictions.
- Strategic Communication: Transformed complex datasets into functional Tableau dashboards and visualizations to support executive business decisions.

OneDataLake   **July 2025– Present**
Data Scientist intern

- ETL/ELT Development: Developed data integration pipelines in Talend Studio and automated data ingestion with Qlik tools.
- Data Lake & DWH: Designed and managed data architectures, specializing in Data Lakehouse concepts and automated warehouse management.
- Advanced SQL & Python: Leveraged SQL and Python for complex data transformations and pipeline optimization within the OneDataLake ecosystem.

Education

Ovidius University of Constanța

Computer Science	2023-2026
Preparatory Year in Romanian	2022-2023
Oguz Canpolat High School	2018-2022

CERTIFICATES

BTK ACADEMY : Transact-SQL (T-SQL) with Database Programming Certificate
BTK ACADEMY: Python Programming Language Certificate
COURSERA:Foundations,Data,Data,Everywhere
MULTIGROUP: Zero2End Machine Learning
HACKERRANK: Certificate of Accomplishment – MySQL and SQL
Romanian B1 Certificate|| English B1 Certificate

SKILLS

DATA SCINCE AND TECHNOLOGY

- Python
- Github
- Microsoft Excel
- SQL, T_SQL,PL_SQL
- Machine Learning (ML)
- Data Analysis
- Pandas, NumPy, Scikit-learn

BUSINESS ACUMEN

- Data Integration: Talend Studio (ETL/ELT), Qlik Replicate, Qlik Compose.
- Data Architecture: Data Warehousing (DWH), Change Data Capture (CDC), Data Lake Automation.
- Data Science & MLPython (Pandas, NumPy, Scikit-learn),

Projects

CineMatch: AI-Powered Personalized Movie Discovery

- Developed a hybrid recommendation engine using Cosine Similarity and genre-weighting to provide personalized film suggestions.
- Engineered a scalable FastAPI backend for high-performance data processing and integrated Scikit-learn for popularity normalization.
- Designed a modern, interactive user interface using Next.js and React, featuring an AI-driven chatbot for movie discovery.
- Collaborated in a cross-functional team, managing the integration of TMDB API for real-time data ingestion and dataset preparation.

University Management System (T-SQL)

- Built a robust T-SQL database featuring Stored Procedures, Triggers, and Transactions for automated academic management.
- Optimized data retrieval with Indexes and designed PIVOT-based reporting views for performance-driven insights.
   And you can view many of my projects on my GitHub.